

Kegalia Extract

Dark Brown/Black Tincture



Technical Specification Sheets

Product: *Kigelia tincture*

Parameter	Specification
Botanical name	<i>Kigelia africana</i>
Plant Part	Fruit of <i>Kigelia africana</i>
Description	Dark brown liquid.
Extraction	Ethanol/water extract of the dried fruits of <i>Kigelia Africana</i>
Solvent	Ethanol
Solubility:	Ethanol / water mixtures.

Chemical content:

Method of detection	Compound	Content
LC/MS	Caffeic acid	48296 mg/100L
	Coumaric acid	10892 mg/100L
	Ferulic acid	7645 mg/100L
	Verbascoside	86421 mg/100L
	Isoverbascoside	44523 mg/100L
TLC	Melanterpenoids	+ve
	Naphthquinones	+ve
	Kigelinol	+ve
	Isokigelinol	+ve
	Isopinnatal	+ve
NMR	Cinnamic acid derivatives	+ve
	Naphthaquinones	+ve
AA	Heavy Metals	Under investigation
	Pesticide content	<0.01 mg/kg

Microbiological limits:

Bacterial Count	- Under investigation
Mold and Fungi	- Under investigation

Safety information: No data at present, but extensive folklore usage as a food and medicine for the dried plant and various extracts of the plant material.

Storage and stability: Tightly closed containers kept under refrigeration. Re-test after one year of storage.

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